

## Nuclear Medicine Technologists (29-2033)

**Occupation description:** Prepare, administer, and measure radioactive isotopes in therapeutic, diagnostic, and tracer studies using a variety of radioisotope equipment. Prepare stock solutions of radioactive materials and calculate doses to be administered by radiologists. Subject patients to radiation. Execute blood volume, red cell survival, and fat absorption studies following standard laboratory techniques.

### Employment and Job Openings

|               | Average employment |                 |                | Average annual openings |             |       |
|---------------|--------------------|-----------------|----------------|-------------------------|-------------|-------|
|               | 2010 estimate      | 2020 projection | Percent change | Growth                  | Replacement | Total |
| Alaska        | 39                 | 50              | 28.2           | 1                       | 1           | 2     |
| United States | 21,900             | 26,100          | 18.7           | 410                     | 340         | 750   |

#### Job outlook

**Alaska:** Alaska's employment growth is robust with low employment opportunities. [Read more.](#)

### 2013 Wages ?

|               | Mean Wage and<br>95% Confidence Interval |       |      | Wage by Percentile |        |       |
|---------------|--|-------|------|--------------------|--------|-------|
|               | Low                                      | Mean  | High | 10th               | Median | 90th  |
| United States | n/a                                      | 34.60 | n/a  | 24.72              | 34.19  | 45.31 |

### Labor Force Indicators

#### 2012 Worker Characteristics

| Total workers | Nonresident workers | Percent nonresident | Percent age 45 plus | Percent age 50 plus |
|---------------|---------------------|---------------------|---------------------|---------------------|
| 46            | 12                  | 26.1                | 44.4                | 36.1                |

#### 2012 Potential Supply

|   |   |
|---|---|
| Qualified but working in another occupation   | 7 |
| Currently employed in a lower paid occupation | 6 |
| UI claimants previously working in occupation | 1 |

#### 2012 ALEXsys Employment Data

|   |     |
|---|-----|
| Number of registrants                         | 7   |
| Number of job position postings               | 1   |
| Ratio of registrants to job position postings | 7.0 |

### Typical Entry-level Education, Experience, and/or On-the-job Training

**Education:** Associate degree

**Work experience:** None

**On-the-job training:** None

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